

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/19814

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : H04L 27/00, 27/02, 27/10, 27/14, 27/28; H03D 1/24  
US CL : 375/259, 260, 268, 277, 316

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 375/259, 260, 268, 277, 316

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages         | Relevant to claim No. |
|------------|--|-----------------------|
| Y          | US 2001/0024475 A1 (KUMAR) 27 September 2001 (27.09.2001), paragraph 93, 94, 95, 100, 101, | 1-11                  |
| Y          | US 6,091,702 A (SAIKI) 18 July 2000 (18.07.2000), column 8, lines 7-67,                    | 1-11                  |

Further documents are listed in the continuation of Box C.

See patent family annex.

|     |   |     |  |
|-----|---|-----|--|
| •   | Special categories of cited documents:  | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
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| "P" | document published prior to the international filing date but later than the priority date claimed  |     |  |

Date of the actual completion of the international search

07 August 2005 (07.08.2005)

Date of mailing of the international search report

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